

FIG. 1
RELATED ART

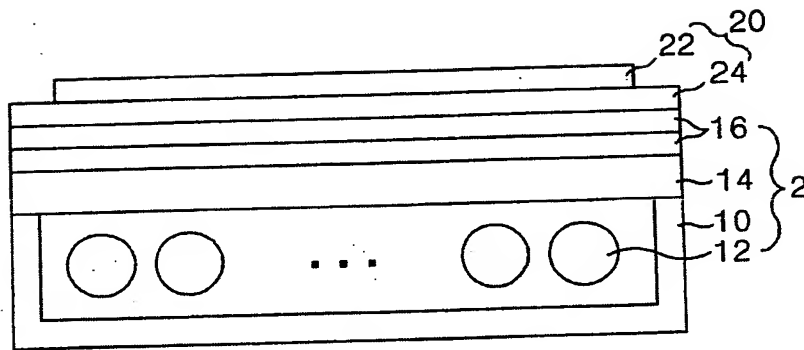


FIG. 2
RELATED ART

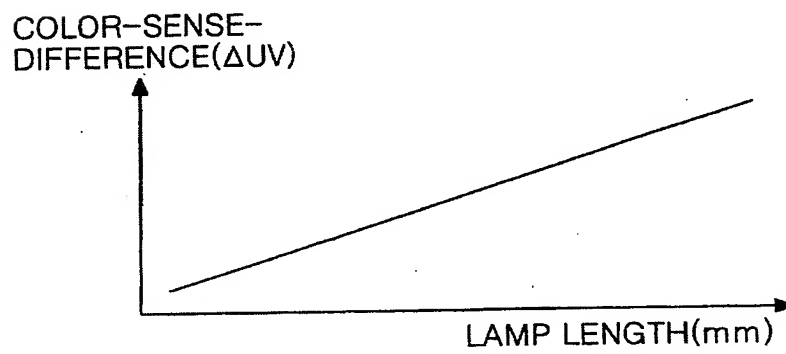
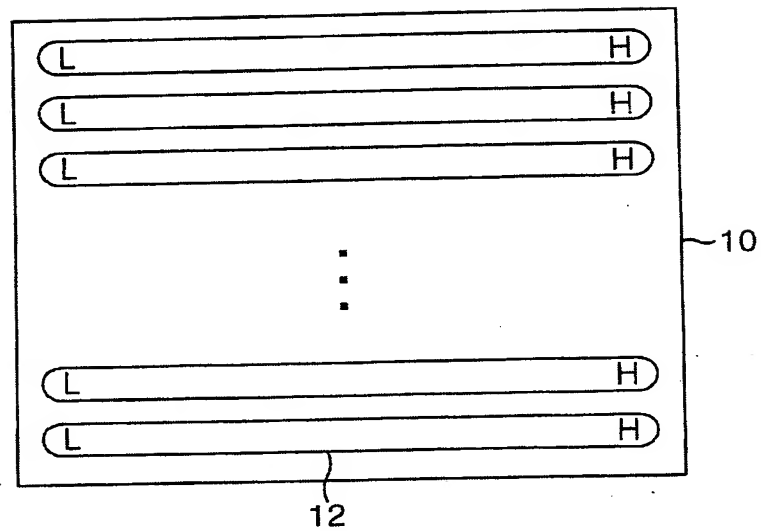


FIG. 3
RELATED ART

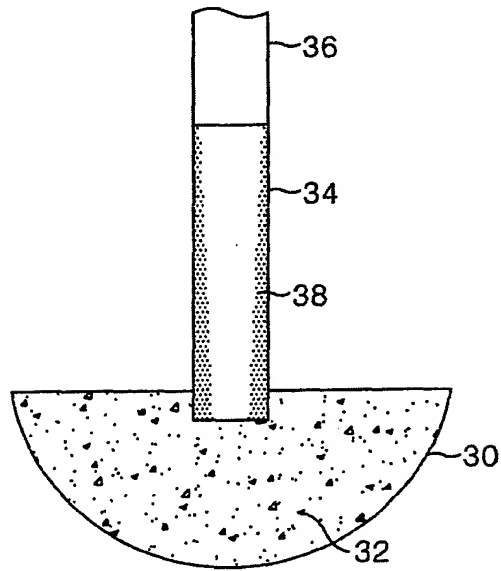


FIG. 4

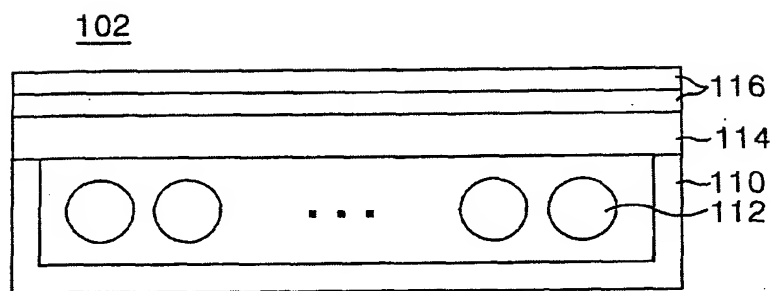


FIG.5

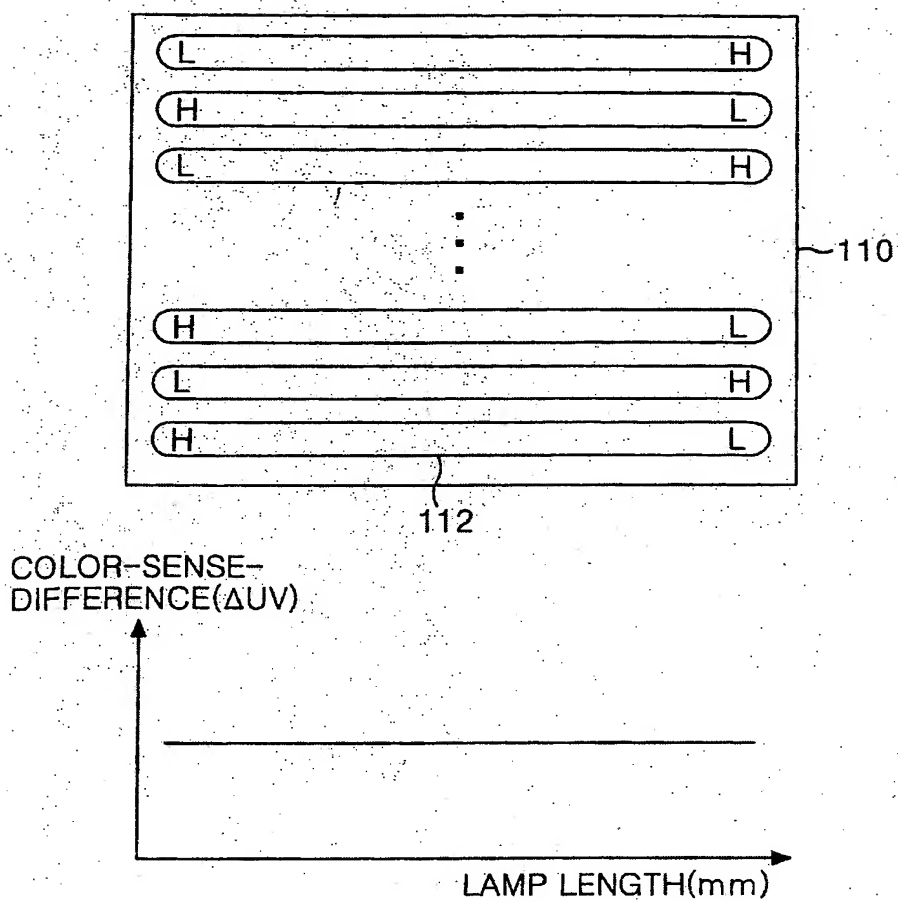


FIG. 6

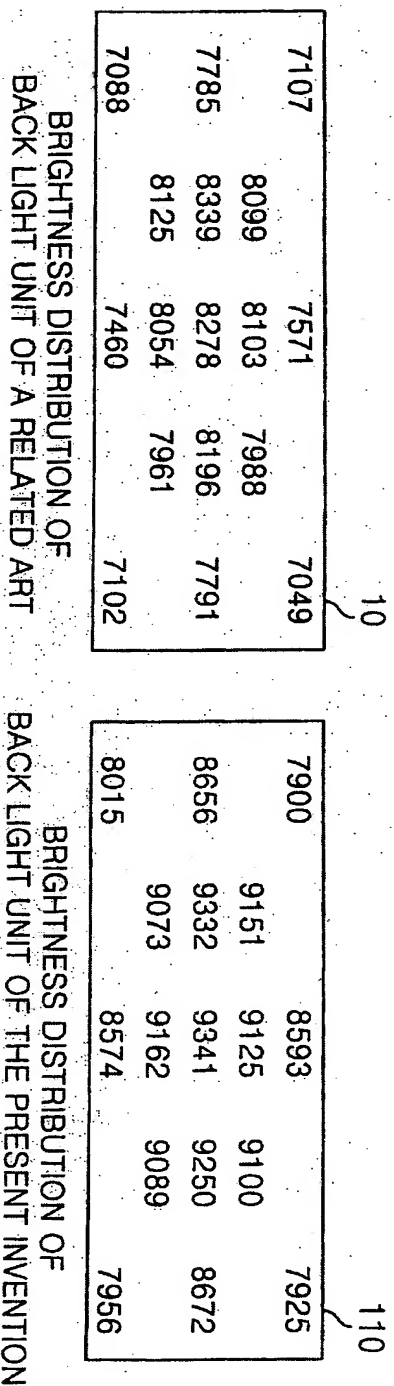


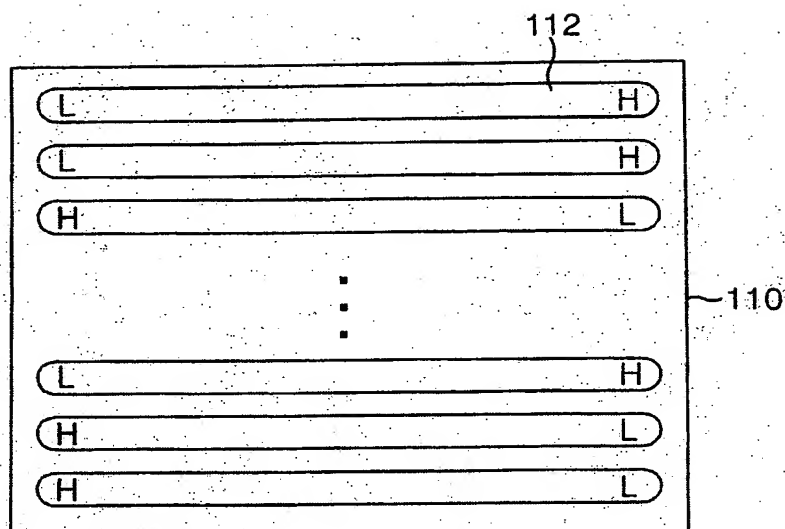
FIG. 7A

| No | COLOR DEGREE X, Y | | COLOR DEGREE UV | | MAX | | MIN | | ΔUV |
|----|-------------------|--------|-----------------|---------|---------|---------|---------|---------|-------------|
| | X | Y | U | V | U | V | U | V | |
| 1 | 0.2730 | 0.2514 | 0.19961 | 0.27572 | 0.19976 | 0.27931 | 0.19681 | 0.27012 | 0.0097 |
| 2 | 0.2680 | 0.2440 | 0.19880 | 0.27153 | | | | | |
| 3 | 0.2727 | 0.2511 | 0.19948 | 0.27552 | | | | | |
| 4 | 0.2751 | 0.2556 | 0.19948 | 0.27798 | | | | | |
| 5 | 0.2680 | 0.2442 | 0.19874 | 0.27163 | | | | | |
| 6 | 0.2752 | 0.2556 | 0.19954 | 0.27799 | | | | | |
| 7 | 0.2680 | 0.2438 | 0.19892 | 0.27139 | | | | | |
| 8 | 0.2728 | 0.2512 | 0.19951 | 0.27562 | | | | | |
| 9 | 0.2755 | 0.2557 | 0.19976 | 0.27805 | | | | | |
| 10 | 0.2644 | 0.2420 | 0.19681 | 0.27012 | | | | | |
| 11 | 0.2724 | 0.2507 | 0.19942 | 0.27532 | | | | | |
| 12 | 0.2755 | 0.2565 | 0.19941 | 0.27845 | | | | | |
| 13 | 0.2650 | 0.2420 | 0.19727 | 0.27018 | | | | | |
| 14 | 0.2765 | 0.2581 | 0.19953 | 0.27931 | | | | | |
| 15 | 0.2646 | 0.2421 | 0.19691 | 0.27021 | | | | | |
| 16 | 0.2728 | 0.2508 | 0.19968 | 0.27542 | | | | | |
| 17 | 0.2766 | 0.2576 | 0.19974 | 0.27911 | | | | | |

FIG. 7B

| No | COLOR DEGREE X, Y | | COLOR DEGREE UV | | MAX | | MIN | | ΔUV |
|----|-------------------|--------|-----------------|---------|---------|---------|---------|---------|--------|
| | X | Y | U | V | U | V | U | V | |
| 1 | 0.2939 | 0.2775 | 0.20476 | 0.28995 | 0.20494 | 0.28995 | 0.20423 | 0.28719 | 0.0028 |
| 2 | 0.2922 | 0.2749 | 0.20452 | 0.28862 | | | | | |
| 3 | 0.2940 | 0.2773 | 0.20485 | 0.28988 | | | | | |
| 4 | 0.2930 | 0.2761 | 0.20464 | 0.28924 | | | | | |
| 5 | 0.2923 | 0.2750 | 0.20453 | 0.28870 | | | | | |
| 6 | 0.2932 | 0.2765 | 0.20466 | 0.28944 | | | | | |
| 7 | 0.2924 | 0.2750 | 0.20461 | 0.28870 | | | | | |
| 8 | 0.2940 | 0.2772 | 0.20494 | 0.28982 | | | | | |
| 9 | 0.2932 | 0.2762 | 0.20468 | 0.28928 | | | | | |
| 10 | 0.2905 | 0.2721 | 0.20441 | 0.28719 | | | | | |
| 11 | 0.2936 | 0.2767 | 0.20481 | 0.28958 | | | | | |
| 12 | 0.2918 | 0.2749 | 0.20423 | 0.28859 | | | | | |
| 13 | 0.2918 | 0.2741 | 0.20452 | 0.28825 | | | | | |
| 14 | 0.2923 | 0.2756 | 0.20428 | 0.28898 | | | | | |
| 15 | 0.2918 | 0.2742 | 0.20453 | 0.28831 | | | | | |
| 16 | 0.2938 | 0.2768 | 0.20492 | 0.28963 | | | | | |
| 17 | 0.2923 | 0.2753 | 0.20446 | 0.28881 | | | | | |

FIG. 8



COLOR-SENSE-
DIFFERENCE(ΔUV)

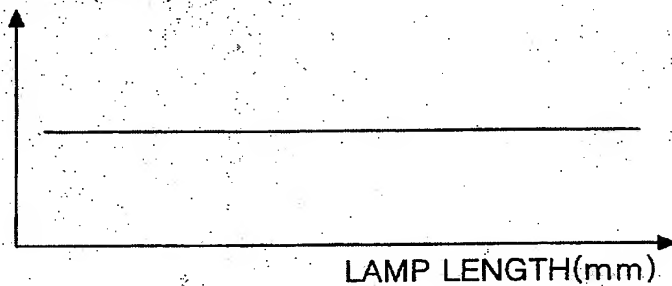


FIG.9

